## Abstract

Data to be impressed upon the average value of a chrominance portion of a block, is replicated at least once. The original and each replica is impressed on blocks in the same block position of separate frames. The frames that have like-positioned blocks that

5    are carrying the same data are considered to be a group. Specific blocks of the frame may be embedded with a particular known data sequence rather than user data. Each group may employ a different known sequence. Instead of simply repeating the data for each like-positioned block of a group, the amount added to the average value for each such block may be changed slightly from frame to frame in group, even when the complexity

10    of the blocks is the same. At a receiver, the multiple instances of the same data bit are extracted and combined to form a single received bit.